

South Bay Cities Council of Governments

December 10, 2018

TO: SBCCOG Steering Committee

FROM: Jacki Bacharach, SBCCOG Executive Director
Kim Fuentes, Deputy Executive Director

SUBJECT: Environmental Activities Report – November 2018

Adherence to Strategic Plan:

Goal A: Environment, Transportation, and Economic Development. Facilitate, implement, and/or educate members and others about environmental, transportation, and economic development programs that benefit the South Bay.

I. PROGRAMS - TECHNOLOGY, PLANNING, & RESEARCH

Climate Action/Adaptation

The Adaptation Planning Kickoff Meeting has been scheduled for December 13th. The agenda will include an overview of adaptation work and how it fits into city planning documents to comply with SB 379, as well as project timeline and next steps. The Climate Fellow has researched and recorded climate projections and exposures for the sub-region as an initial step in generating a Vulnerability Assessment for the South Bay. SBCCOG staff has developed and submitted a project proposal for the Caltrans Adaptation Planning Grant that will complement the Adaptation work currently underway. Several cities, including El Segundo, Gardena, Hawthorne, Hermosa Beach, Palos Verdes Estates, Redondo Beach, and Torrance provided letters of support for this proposal.

Energy Efficiency

On November 29, city staff were recognized at our biennial Energy Efficiency and Energy Leader recognition luncheon. All but one city was in attendance. The program included SCE and SoCalGas executives and the SBCCOG Chair congratulated our cities for the great job they are doing to reduce electricity and gas usage through energy efficiency projects. In addition, Juliette Finzi Hart, PhD, U.S. Geological Survey, Pacific Coastal & Marine Science Center was the keynote speaker. Thank you to the City of Torrance who hosted the event at the George Nakano Theatre.

SBCCOG staff has been working with other partnerships, utility partners, and other agencies to try and secure future funding for incentive/rebates for local governments. SBCCOG staff has met with the CPUC Local Government Liaison and his new colleague, who both will try to assist with preserving local government energy efficiency measures. The next steps are to submit to SCE & SCG an intent to participate with 3rd Parties for program funding in 2020 and create a Factsheet on Local Government energy efficiency issues.

Energy Efficiency Partnership Program – Southern California Edison (SCE)

2018 Energy Saving Goal: 1,245,812 kWh **2018 Status:** 1,674,798 kWh **GOAL EXCEEDED: by 134.4%**
2018 Demand Reduction Goal: 43.21 kW **2018 Status:** 89 kW **GOAL EXCEEDED: by 205.6%**

SBCCOG staff, the energy engineer, and city staff developed a Request for Quotes (RFQ) for a bulk purchase of outdoor lighting. Several cities are trying to quickly install outdoor lighting before February 28, 2019 in

order to take advantage of an Edison incentive before the new time of use rates start March 19, 2019. The intent of the RFQ is to save cities staff time and help expedite the process while getting volume pricing discounts. Cities that are evaluating moving forward with the purchase include Carson, El Segundo, Gardena, Hawthorne, Inglewood, Manhattan Beach, Redondo Beach, and Torrance; however, any South Bay city can take advantage of this bulk purchase opportunity. The window for submitting bids closed on November 27, 2018 and 9 proposals were received. SBCCOG staff is reviewing the proposals, and bidders will be notified by December 4 if they met the criteria. Next SBCCOG staff will provide their findings to the cities for their consideration.

The South Bay continues to have a robust “pipeline” of projects specific to electricity (listed below). Note: if projects are in progress and are scheduled to be completed in 2019, Edison is committed to complete their funding obligations as long as the city also meets all of their project requirements. (Also, listed in the chart is each city’s Energy Leader Partnership (ELP) program status.)

City	Current ELP Tier Level	Energy Efficiency Measures (EEMs)	Estimated Completion Date	Estimated kWh savings	Estimated Incentive (\$)
Carson	Gold	Pool Pump VFD	Q4/18	51,758	\$11,646
		LED Streetlights	Q4/18	588,596	\$234,752
		LED Sports Lighters	Q2/19	733,452	\$124,687
El Segundo	Gold	Exterior LED Lighting	Q2/19	184,396	\$31,347
Gardena	Gold	Exterior & Interior Lighting	Q2/19	78,125	\$13,281
		Exterior & Interior Lighting	Q2/19	284,534	\$24,626
Hawthorne	Platinum	Exterior LED Lighting	Q2/19	194,254	\$38,851
Hermosa Beach	Platinum	Exterior LED Lighting	Q4/18	29,574	\$5,915
		LS-1 LED Streetlights	Q4/18	212,423	\$100,000
Inglewood	Platinum	Chiller VFD/HVAC Controls	Q1/19	238,000	\$63,645
		Exterior LED Lighting	Q2/19	477,067	\$81,101
		Elevator Motor-Generator Set	Q4/18	121,900	\$29,007
Manhattan Beach	Platinum	LED Sports Lighters	Q2/19	305,597	\$61,119
		Street lights (LS-1 to LS-2 conversion)	Q4/19	517,922	\$103,584
		Exterior LED Lighting	Q4/18	55,305	\$13,890
Palos Verdes Estates	Platinum	LED Lighting	Q2/19	33,739	\$7,240
Rancho Palos Verdes	Platinum	LED LS-1 to LS-2 Conversion	Q4/19	557,976	\$240,992
Redondo Beach	Gold	Exterior LED Lighting	Q2/19	381,513	\$64,857
		LED Lighting	Q1/19	42,311	\$7,193
Rolling Hills	Gold	LED Lighting	Q4/18	9,000	N/A
Torrance	Gold	Exterior LED Lighting	Q2/19	841,894	\$143,122
		LS-1 LED Streetlights	Q4/18	3,679,729	\$933,037
		Interior LED Lighting	Q2/19	837,954	N/A
		VFD & Pump Motor	Q4/18	172,003	\$29,240
		Interior LED Lighting	Q4/18	16,741	N/A
Total				10,005,409	\$2,116,734

Energy Efficiency Partnership Program – Southern California Gas Company (SCG)

2018 Goal: 10,000 therms **2018 Status:** 66,656 therms in pipeline awaiting SCG approval

<i>Agency</i>	<i>Project</i>	<i>Therm Savings</i>	<i>Incentive</i>
City of Inglewood	Replace 3 x boilers	10,800	\$16,200
City of Carson	Hemingway Park pool heaters	5,856	\$8,784
LAUSD	Pressureless steamers	50,000	\$75,000
Torrance USD	Pool heaters	TBD	TBD
Total		66,656	\$99,984

SCE/SCG Strategic Plan Funding: SBCCOG staff along with the Energy Engineer continue to work with cities on benchmarking facilities and identification of an energy management tool that can be used to help identify future energy efficiency projects. SBCCOG staff has been working with our utility partners to address data needs. Next steps will be to complete benchmarking in Dec. 2018 and Jan. 2019. Status of this work will be discussed at the next bimonthly EMWG meeting in Jan. 2019.

HERO – PACE: SBCCOG continues to promote PACE financing for homeowners. The spreadsheet below covers the activity from each South Bay members’ jurisdiction since the launch date through October 2018. Proceeds from HERO for 2018 Q3 = \$637.35. Proceeds for 2018 Q4 are expected in January 2019. Total since program start in 2014 = \$29,246.16. Payments to SBCCOG are based on HERO programs that are completed in the South Bay. Activity through October 2018 is listed below:

Member	Launch Date	Eligible Housing Units *	Total Applications Received	Applications Approved	Approved Amount	Funded Projects	Funded Amount	Jobs Created***	Energy	Water	Renewable	Solar kW Installed	Annual kWh Saved	Annual CO2 Reduced (Tons)
Carson	5/23/14	21,478	1,982	1,298	\$91,129,818	738	\$19,039,044	172	1,245	71	185	433	4,592,879	1,124
El Segundo	5/23/14	4,227	54	45	\$7,715,419	25	\$639,286	6	30	6	8	18	168,929	41
Gardena	5/23/14	12,413	698	463	\$32,114,047	257	\$6,406,311	58	419	27	42	82	1,241,067	302
Hawthorne	5/23/14	11,772	549	391	\$30,867,765	225	\$5,100,661	46	352	12	42	79	1,148,243	279
Hermosa Beach	5/23/14	6,514	55	40	\$8,413,706	19	\$395,206	4	20	0	10	23	93,199	25
Inglewood	5/23/14	19,071	1,336	881	\$62,002,897	489	\$12,754,353	115	804	54	48	111	2,324,482	561
Lawndale	5/23/14	5,272	158	104	\$8,169,174	51	\$1,367,357	12	89	7	12	30	287,827	72
Lomita	5/23/14	4,619	115	93	\$8,855,153	48	\$1,187,680	11	77	6	14	39	325,422	80
Manhattan Beach	5/25/15	12,444	91	81	\$18,235,351	41	\$1,346,576	12	70	7	26	93	442,439	115
Palos Verdes Estates	5/28/15	5,123	38	34	\$7,516,281	10	\$527,780	5	16	3	4	11	78,276	20
Rancho Palos Verdes	5/23/14	14,837	217	192	\$31,037,532	88	\$2,457,061	22	138	6	20	71	690,053	167
Redondo Beach	3/24/15	20,477	189	155	\$20,585,717	79	\$1,561,997	14	115	3	18	37	445,647	109
Rolling Hills	5/23/14	706	6	6	\$1,631,678	2	\$119,637	1	2	0	0	0	995	0
Rolling Hills Estates	5/23/14	3,104	46	40	\$7,727,160	23	\$868,135	8	29	3	10	46	210,979	55
Torrance	5/23/14	37,971	738	599	\$64,815,610	335	\$7,740,791	70	478	32	106	258	2,075,398	513
Total		180,028	6,272	4,422	\$ 400,817,308	2,430	\$ 61,511,877	554	3,884	237	545	1,332	14,125,835	3,463

* Eligible housing units based off Total Single Family Homes minus 5 units or more from the Department of Finance City/County Population and Housing Estimates, 1/1/2013.
 *** 1 job for every \$117,000 invested.

YGRENE – PACE:

The SBCCOG also receives funding for Ygrene activities in the South Bay in return for promoting PACE. Ygrene payments to the SBCCOG for 2018 through Q3 are \$1,401.49 with a total of \$7,889.35 since 2016 when the program started. Payments to SBCCOG are based on Ygrene programs that are completed in the South Bay. Activity through October 2018 is listed below:

Jurisdiction	Jobs Created	Solar kW Installed	Gallons of Water Saved	Annual Gallons of Water Saved	Economic Stimulus	Lifetime CO2 Reduced or Abated (Mtons)	LifeTime kWh Saved	Annual kWh Saved	Annual CO2 Reduced or Abated (Mtons)
Hawthorne	3	0	0	0	\$540,735	260	1,544,966	50,350	8.46
Torrance	1	0	3,041,280	85,594	\$127,500	61	238,573	8,611	2.04
Total	4	0	3,041,280	85,594	668,235	321	1,783,539	58,961	10

CA Green Business Network (CAGBN) & South Bay Green Business Assist Program (GBAP):

CAGBN - The SBCCOG team continues to conduct outreach and work with businesses to achieve certification for programs in Torrance and Hawthorne. During the month of November, SBCCOG staff was able to certify three businesses that had previously been at the participant (Tier 1) level - two businesses in Torrance and one business in Hawthorne.

As businesses are certified in the CAGBN, they also become GBAP participants. GBAP by city: Torrance (41), Lawndale (26), Hawthorne (18), Redondo Beach (16), El Segundo (15), Gardena (15), Carson (12), Inglewood (10), Manhattan Beach (8), Palos Verdes Estates (7), Rancho Palos Verdes (7), Hermosa Beach (5), Rolling Hills Estates (4), Lomita (3), Lennox (2), and Los Angeles County – Community of Westmont (1) for a total of **190** businesses in the program as of the end of November 2018.

Water Conservation

West Basin Municipal Water District Programs (West Basin) Contract year is Sept. 1, 2018 through June 30, 2019*

**The West Basin contract is for 10 months to align with the SBCCOG July 1 – June 30 fiscal year.*

Task 1. Educational Outreach Support

Exhibit Events

Contract goals: 100 exhibit events, presentations, etc.

Status of goal: 26 exhibit events, presentations, etc.

Water Bottle Filling Station Program

Contract goals: To assist with identifying locations for stations.

Status: West Basin has continued the funding of this program. Public sites are eligible to install two (2) water bottle filling stations for the same Tax ID # (changed from only one allowed in previous funding cycle). SBCCOG staff reached out to the City of Lawndale, and there are plans to apply in the coming months. For this program year, currently, 10 grants have been awarded – City of Carson at City Hall and Veterans Park; City of El Segundo Recreation Park and El Segundo High School; City of Inglewood Darby Park and Environmental Charter Middle School; Lennox at 2 elementary schools in the Lennox School District; City of Hawthorne at City Hall. In the City of Lomita, there are 2 pending applications. SBCCOG staff will focus efforts over the next few months Gardena, Hermosa Beach, Manhattan Beach, Redondo Beach, PVE, RPV, RH, and RHE.

Task 2. Support for Workshops & Events

Educational Classes

Contract goals: minimum of 5 and a maximum of 8

Status of goals: 2 completed; 2 scheduled

SBCCOG staff worked in conjunction West Basin staff to schedule the Landscape Transformation classes (new MWD class offering). A class was held in Redondo Beach on November 15th. Two 2 additional classes are scheduled for January and March 2019.

Rain Barrel Giveaway

Contract goal: 5

Status of goal: 1 completed; 3 scheduled

The first rain barrel event was held on November 17th in Rolling Hills Estates; the next 3 rain barrel giveaway events will be in January, February, and March 2019. One additional event is to be scheduled in April.

Greywater Workshops

Contract goal: 5 workshops

Status of goal: 0 workshops completed

SBCCOG is working with West Basin staff to finalize locations and dates for the greywater workshops.

Task 3. Cash for Kitchens

Contract goal: target 200 commercial kitchens by Dec. 2019 this goal overlaps contract years

Status of goal: 56 water surveys completed; No surveys were conducted in the month of November.

Task 4. Disadvantaged Community (DAC) Water-Energy Initiative Program (Clothes-Washer)

Contract goal: provide outreach to DAC areas within West Basin's service area and provide free installation of 500 high-efficiency showerheads, 1,500 faucet aerators, and 500 clothes washers.

Status of goal: SBCCOG staff will be assisting West Basin with this program when it is rolled out in the next 2-3 months. West Basin is in the process of developing the application process and identifying a company to deliver the washing machines to qualified households. SBCCOG staff has been asked to continue to identify potential contacts.

Torrance Water Contract year is July 1, 2018 through June 30, 2019

Task 1: Support for educational classes (California Friendly Landscape Training (CFLT) or Turf Removal (TR) Class and community events (This goal is dependent upon Torrance establishing classes).

Contract goal: as requested

Status of goal: 6 CFLT/TR/Greywater classes completed. The next scheduled California Friendly Landscape Training class is in December, and SBCCOG staff and volunteers will be assisting. The City of Torrance hosted a rain barrel event on November 3rd and 600 rain barrels were given away to Torrance residents. Staff continues to promote Torrance efforts through the SBCCOG and SBESC media channels.

Task 2: Cash for Kitchens

Contract goal: 10 new commercial kitchens; 10 follow-up site visits

Status of goal: 2 follow-up site visits completed.

Staff continues to identify kitchens in Torrance.

Water Replenishment District of Southern California (WRD) Contract year is March 21, 2018-June 30, 2019. Ongoing promotion of WRD programs continues through the SBCCOG's information kiosk, e-newsletters, and other social media channels for the month of October.

Sanitation Districts of LA County (LACSD) Contract year is January 1-December 31, 2018

Contract goals: Schedule up to 5 Sanitation Districts-related presentations -**GOAL MET**

Status of goals: 3 have been completed (10/9/18, 11/01/18, and 11/05/18) and 2 have been scheduled (Dec. and Feb.).

Los Angeles Department of Water and Power (LADWP) Contract year is January 1-December 31, 2018

Contract goals:

- 8-12 targeted special exhibit events; *Status of goal:* 8 completed; SBCCOG staff plans to setup an exhibit at the San Pedro Farmers Market in December. - **GOAL MET**
- 1 training for SBCCOG Volunteers on LADWP programs; *Status of goal:* Training 3/15/18 - **GOAL MET**
- 6-8 commercial kitchens to be identified for water assessments and conservation training; *Status of goal:* 4 water surveys completed. SBCCOG staff continues to conduct outreach to LADWP restaurants.

Transportation

Vanpool Program (Contract period Feb. 1, 2013 – June 30, 2019)

Contract goals: 72 outreach events; 18 information/formation meetings

Status of goals: 275 outreach events - **GOAL MET**; 18 information/formation meetings - **GOAL MET**

In November collateral materials were distributed at 6 SBCCOG outreach events. SBCCOG staff continued outreach efforts to assist Wedgewood Real Estate Investment Company with vanpool formation. In addition, the SBCCOG's outreach efforts on behalf of CSUDH's Telework Research Study led to follow-up calls regarding vanpooling with 3 local companies.

Metro Express Lanes (MEL) (Contract period Aug. 1, 2015 – Jul. 31, 2019)

Contract goal: 30 outreach events; 2 presentations (*This goal is dependent upon the availability of the mobile van*).

Status of goal: 336 community events and 14 presentations completed. In addition, 28 SBESC e-newsletter articles have been facilitated by SBCCOG staff. - **GOAL MET**

SBCCOG continues to send multiple invitations and notices to Metro staff about future South Bay MEL events that would be at South Bay events through this Winter.

II. MARKETING, OUTREACH, & IMPLEMENTATION

Workshops, Trainings, & Exchanges

The following chart provides an overview of all registration events held in November 2018:

Event Date	Event Name	No. Attended/No. of RSVPs	Marketing Info. (how did they hear about the Workshop)	Staff Lead
11/3/2018	Rain Barrel Distribution – Torrance (600 rain barrels distributed to 341 households)	341/451	Email: 180, Flyer: 51, Friend or Family: 70, Local Publication: 21, Social Media: 87, Website: 27, Other: 15	MS/GF
11/15/2018	Landscape Transformation Class – Redondo Beach	25/88	Community Org./Event: 3, Door Hanger: 5, Flyer: 12, Online Calendar: 1, Other Social Media: 8, Postcard: 1, SBESC Email: 32, West Basin Social Media: 4, West Basin Website: 13, Word of Mouth: 9	GF
11/17/2018	Rain Barrel Distribution – Rolling Hills Estates (400 rain barrels distributed to 228 households)	228/318	Community Org./Event: 28, Door Hanger: 39, Flyer: 56, Online Calendar: 2, Other Social Media: 46, Postcard: 2, SBESC Email: 90, West Basin Social Media: 21, West Basin Website: 15, Word of Mouth: 19	ML/EC
11/17/2018	Turf Removal Class – Torrance	41/69	Email: 31, Flyer: 25, Friend or Family: 7, Local Publication: 2, Social Media: 1, Website: 3	CY

Outreach Events

In November:

- 1 presentation
- 1 business event

- 4 residential workshops

Calendar year-to-date through 2018:

- 43 community events
- 7 business events
- 14 presentations
- 5 SCE Seminars
- 11 residential workshops
- 3 networking opportunity
- 3 employee events

Media

Social Media

- SBCCOG -- Totals for Social Media (SBCCOG) (*top tweet – right*)
 - Twitter: 170 followers total, 822 impressions* month of November
 - Facebook: 82 likes total, 43 impressions month of November
- SBESC -- Totals for Social Media (*top tweet – right*)
 - Twitter: 542 followers total, 3,200 impressions* month of November
 - Facebook: 731 likes total, 289 impressions month of November
 - LinkedIn: 122 followers total, 38 impressions month of November

**Impressions: the number of times a post has been viewed*

Top Tweet earned 211 impressions

Make sure to get out and [#vote](#) tomorrow!
[ow.ly/IIINO30mvoz](#)

🔗 1 ❤️ 2

Top Tweet earned 514 impressions

Turn the temperature on your water heater down... [ow.ly/Oapr30mvp58](#) [#greentip](#)
[#EcoMonday](#)

🔗 1 ❤️ 1

Press Releases/Press Interviews/Articles/Network TV

“2018 Holiday Light Exchange,” Daily Breeze, November 2018

Volunteer Program

Status of Program: 37.00 hours for November 2018; 2018 thus far = 968.35 hours; *Grand total* as of 10/31/18: 18,698.78 (starting April 2008)

The SBCCOG held the annual Volunteer Reception on November 15 to honor our volunteers and specifically those who have provided more than 50 hours of service. The event was a great success and the volunteers expressed their thanks.